Archive dialog box
Used to identify and bundle resources for archiving, to create new archive files (with file compression), to open existing archive files, and to edit archive files. Opens when Utilities Archive is chosen.

Icons
The most used functions are available as a set of icons.

New Archive
Opens the Create Archive File dialog box, which is used to create a new archive file. You can either select an existing archive to use as your new archive file, or enter the name of a new archive file in the Files field. Clicking OK creates the new archive file and adds its name to the title bar of the Archive dialog box.
This is the same as choosing New… from the Archive dialog box's File menu.
Open Archive
Opens the Open Archive File dialog box, a standard MicroStation file open dialog box, which is used to select and open an archive file (with default file extension ."mar").
This is the same as choosing Open… from the Archive dialog box's File menu.
Add Files
Opens the Select Files to Add dialog box, which is used to add files to an open archive file or to select files to add to a new archive file. In the Select Files to Add dialog box, when you select a file and click Add, the file is added to the Files list box. The Remove button deletes a file from the Files list box. Clicking the Done button closes the Select Files to Add dialog box and opens the Add Archive Files dialog box.
This is the same as choosing Add… from the Archive dialog box's Edit menu.
Extract Files
If any files are selected in the Archive list box, opens the Extract Archive Files dialog box, which is used to select the path where an extracted file will be stored, as well as to select a few associated parameters.
This is the same as choosing Extract… from the Archive dialog box's Edit menu.
Delete Files
Deletes the selected (highlighted) file(s) in the Archive list box and deletes the corresponding compressed file from the archive file.
This is the same as choosing Delete from the Archive dialog box's Edit menu.
Sign Files
Opens the Load Key Pair dialog box, which allows you to select an existing or create a new key pair and sign a file.
This is the same as choosing Sign… from the Archive dialog box's Signature menu.
Verify Files
Verifies a digital signature within a file.
This is the same as choosing Verify… from the Archive dialog box's Signature menu.

File menu New…
Effect is the same as clicking the New Archive icon.

File menu Open…
Effect is the same as clicking the Open Archive icon.

File menu Open URL…
Opens the Open Remote Archive dialog box which is used to open a remote archive.
Controls in this dialog box are analogous to those in the Select Remote Design File dialog box.

File menu Close
Clears the Archive list box, deselecting an archive file.

File menu Save As…
Opens the Save Archive File As dialog box, which is used to save an archive file under a
different name, and contains format options that allow you to update files to include or remove
digital signature information.

File menu Info…
Provides summary information about the files listed in the Archive list box. Information
provided includes compressed and expanded file lengths.

File menu Test…
Executes a test to de-compress (extract) the archived files listed in the Archive list box. You are
notified as each individual file is tested, and are informed if the test is completed successfully.

File menu Create List…
Opens the Create List File dialog box, a standard MicroStation file select dialog box with the
addition of a List Only Files check box. The Create List File dialog box is used to select a path
and file name for the file which will store the contents of the Archive list box.
If List Only Files is off, all the information in the list box is stored in the file. If List Only Files is
on, only the file name information is stored in the file.
The default file extension is .lst. Clicking OK on the Create List File dialog box creates the list.

File menu View Log…
Opens the Archive Log dialog box, which displays the results (whether successful or not) of the
following operations: creating an archive, adding files to an archive, extracting files from an
archive and file testing. The Archive Log can be saved.

File menu Exit
Closes the Archive dialog box and terminates the Archive utility.

Edit menu Add…
Effect is the same as clicking the Add Files icon.

Edit menu Extract…
Effect is the same as clicking the Extract Files icon.

Edit menu Modify…
Opens the Modify Archive dialog box, used to change the name or the path of an archived file, if
one file is selected in the list box. If multiple files are selected, then only the path can be
changed.
Double-clicking a file in the Archive dialog box's list box also opens the Modify Archive dialog
box.

Edit menu Delete

Effect is the same as clicking the Delete Files icon.

Edit menu Select All

Highlights all the files in the list box.

Edit menu Select None

Deselects all currently highlighted items in the list box.

Signature menu Sign…

Effect is the same as clicking the Sign Files icon.

Signature menu Verify

Effect is the same as clicking the Verify Files icon.

Signature menu View Results

Opens the Signing and Verification Detailed Results text window, which summarizes the results of signing or verifying.

List box

Lists the constituent files of a currently opened archive file.

For each file listed, the following information is provided:

- Name — The name of the compressed file, including its file extension, but not including its directory. Its directory is displayed in the Path column.
- Sigs — The number of signatures on the file.
- Date — The date of archive file creation.
- Time — The time of archive file creation.
- Length — The size in bytes of the file as reported by the operating system.
- Size — The size in bytes of the file as compressed and found in the archive file.
- Ratio — The ratio of the compressed size versus the uncompressed size. It is given as an inverted percentage (the higher the value, the better the compression).
- Type — The type of compression performed during archive. Normally, files are compressed and will display COMPRESS in this field. However, in cases where Archive utility determines compression does not result in a saving of space, no compression is performed and the term STORED will appear in this column.
- Path — The directory of the file.